

## South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils

Forecast valid from 00:00 on Wednesday 22 Dec 2021 until 23:59 on Thursday 23 Dec 2021

Forecast Issued on Tuesday 21 Dec 2021 at 16:12 by Met Office Aberdeen

**Confidence:** Low for timing of arrival of precipitation on Wednesday, and for extent of any milder air on Wednesday night into Thursday. High for unsettled weather on Thursday, and for a return to somewhat drier and colder weather from Friday onwards.

**Headline for Wednesday 22 Dec 2021:** Dry for most of the day, rain (locally freezing) and snow spreading north after dark

### Mountain weather hazards on Wednesday 22 Dec 2021

**Blizzards**

No Likelihood

**Gales**

No Likelihood

**Thunderstorms**

No Likelihood

**Heavy Snow**

No Likelihood

**Severe chill effect**

No Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

Medium Likelihood

**Strong sunlight**

No Likelihood

### Weather and chance of precipitation 800m

| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Partly cloudy (night)                                                               | Partly cloudy (night)                                                               | Partly cloudy (night)                                                               | Sunny intervals                                                                     | Sunny intervals                                                                     | Cloudy                                                                                | Heavy snow                                                                            | Heavy snow                                                                            |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 00%                                                                                 | 00%                                                                                 | 00%                                                                                 | 00%                                                                                 | 00%                                                                                 | 20%                                                                                   | 50%                                                                                   | 90%                                                                                   |

### Forecast for Wednesday 22 Dec 2021

**Weather:** Dry in the morning with some hazy sunshine, although some low cloud possible across the south of the region at first. Thickening cloud will bring some snow and freezing rain from the southwest from late afternoon, this lasting into the evening. Snow may turn to rain very late in the day on all but the highest tops, but a lot of uncertainty into the northward progress of any warmer air.

**Chance of cloud free mountain/hill tops above 800m:** 70% during daylight hours

**Visibility:** Mainly very good for daylight hours, poor in any low cloud down to 400 metres at first. Becoming poor in snow and extensive low cloud down to 600 metres later in the day.

## Forecast for Wednesday 22 Dec 2021

| Height (m)  | Wind Speed mean/gusts (mph) |         |          |          |         | Wind Direction (blowing from) |         |         |         |
|-------------|-----------------------------|---------|----------|----------|---------|-------------------------------|---------|---------|---------|
|             | 00:00                       | 03:00   | 06:00    | 09:00    | 12:00   | 15:00                         | 18:00   | 21:00   | 00:00   |
| <b>1100</b> | 8/11 SW                     | 8/11 SW | 10/13 SW | 16/19 SW | 16/20 S | 18/22 S                       | 17/22 S | 15/20 S | 11/14 S |
| <b>900</b>  | 8/10 SW                     | 8/11 SW | 8/11 SW  | 10/13 SW | 11/15 S | 13/17 S                       | 10/15 S | 10/15 S | 6/10 S  |
| <b>600</b>  | 4/6 W                       | 3/5 W   | 3/5 SW   | 5/7 SE   | 5/7 E   | 4/7 NE                        | 3/7 SW  | 4/8 SE  | 2/5 S   |
| <b>300</b>  | 2/7 SW                      | 3/6 SW  | 2/6 SW   | 1/6 SW   | 1/6 S   | 2/8 S                         | 2/4 E   | 2/5 SE  | 1/3 SW  |
| <b>Glen</b> | 2/6 W                       | 2/5 W   | 2/5 W    | 1/4 W    | 2/7 SW  | 3/6 W                         | 2/4 SE  | 3/6 E   | 1/4 N   |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                        | 00:00                         | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>1100</b>            | -0/-5                         | -1/-5 | -1/-5 | -1/-6 | 0/-5  | 1/-5  | -0/-6 | -1/-7 | -1/-6 |
| <b>900</b>             | -1/-5                         | -1/-5 | -1/-5 | -0/-5 | 1/-4  | 1/-4  | 0/-4  | -0/-5 | -0/-4 |
| <b>600</b>             | -2/-4                         | -2/-4 | -2/-4 | -2/-5 | -2/-5 | -1/-4 | 0/-2  | 0/-2  | 0/-2  |
| <b>300</b>             | -3/-5                         | -2/-4 | -2/-4 | -2/-3 | 0/-1  | 0/-2  | 0/-1  | 0/-1  | 0/-1  |
| <b>Glen</b>            | -2/-4                         | -2/-4 | -2/-3 | -1/-3 | 0/-1  | 0/-1  | 0/-1  | 0/-1  | 1/-1  |
| <b>Freezing Level*</b> | 00m                           | 100m  | 100m  | 100m  | 200m  | 200m  | 600m  | 400m  | 900m  |

\*Level above which ground is expected to be frozen/snow is expected to settle.

## Met Office Aberdeen Meteorologist's View

Potential for some icy surfaces to develop later in the day, especially at lower elevations. Freezing level may end up higher than shown later in the day, but very low confidence in this aspect.

## Forecast for Thursday 23 Dec 2021

**Weather:** An overcast day with some patchy rain and perhaps higher summit snow in the morning, this turning more persistent and widespread through the afternoon and evening. As colder air returns later in the day rain will turn to snow at lower levels

**Maximum wind:** Southeasterly 20 mph

**Chance of cloud free mountain/hill tops above 800m:** Little chance

**Visibility:** Poor in widespread low cloud down to 500 metres

**Temperature:** **Glens:** Plus 5 Celsius

**At 800m:** Plus 2 Celsius

**Freezing level:** Around 1200 metres, but there is a chance it could be much higher than this into the afternoon before falling away to 800 metres later in the day